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MISSILE-ASSOCIATED INSTALLATION

EMBA, USSR

2. [REDACTED] FIRST REVEALED THE PROBABLE MISSILE-ASSOCIATED INSTALLATION, LOCATED 14 NM SSW OF EMBA. TWO POSSIBLE LAUNCH AREAS WITH ASSOCIATED SUPPORT FACILITIES WERE IDENTIFIED WITHIN A BELL-SHAPED INSTRUMENTATION AREA ORIENTED IN A SSW DIRECTION. AN ADDITIONAL SUPPORT AREA AND A GRADED-EARTH LANDING STRIP WERE REPORTED NORTH OF THE POSSIBLE LAUNCH AREAS. THE FACILITIES WERE NOT PRESENT ON [REDACTED] THE INSTALLATION HAS BEEN OBSERVED ON 10 KH MISSIONS WHICH HAVE REVEALED CONTINUING ACTIVITY AND EXPANSION.
3. [REDACTED] REVEALED THE ADDITION OF A POSSIBLE NEAR SPACE TRACKING AND TELEMETRY INSTALLATION CONSISTING OF 4 POSSIBLE TOWER ARRAYS AND 2 SUSPECT TRACKING ANTENNAS.
4. [REDACTED] REVEALED THE CONSTRUCTION OF A NEW LANDING STRIP, APPROXIMATELY 11,000 FT LONG, WITH A PARALLEL TAXIWAY. EXPANSION OF

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THE POSSIBLE NEAR SPACE TRACKING AND TELEMETRY INSTALLATION WAS ALSO NOTED.

5. [REDACTED] REVEALED CONTINUING CONSTRUCTION ACTIVITY IN THE OPERATIONAL SUPPORT AREA WHICH IS BEING EXPANDED TO THE NORTH AND WEST.

7. THIS MISSION REVEALS CONSIDERABLE CONSTRUCTION ACTIVITY THROUGHOUT THE INSTALLATION, [REDACTED]

[REDACTED] TATION. THE MOST SIGNIFICANT CHANGES ARE NOTED IN THE LAUNCH COMPLEX, OPERATIONAL SUPPORT AREA, AND THE ELECTRONIC SITE. THE LAUNCH COMPLEX (FORMERLY REFERRED TO AS TWO POSSIBLE LAUNCH AREAS) NOW CONTAINS

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A LAUNCH AREA AND 2 UNIDENTIFIED SUPPORT AREAS, ALL DOUBLE-FENCED. THE LAUNCH AREA HAS A GUARD TOWER AT EACH CORNER AND A SECURITY BUILDING AT ITS ENTRANCE. A SMALLER BUILDING IS LOCATED APPROXIMATELY 350 FEET NORTH OF THE SECURITY BUILDING OUTSIDE THE FENCE. A VEHICLE STORAGE SHED, 2 SMALLER SUPPORT BUILDINGS AND AN EARTH-MOUNDED CONTROL BUNKER ON WHICH TWO UNIDENTIFIED OBJECTS ARE SITUATED ARE ALSO WITHIN THE LAUNCH AREA. THE CONTROL BUNKER IS CONNECTED BY BURIED CONDUIT TO THE TWO PADS WHICH HAVE NOT BEEN CLEARED OF SNOW. A CLEARED HARD-STAND IN FRONT OF THE CONTROL BUNKER CONTAINS AT LEAST 9 VEHICLES/PIECES OF EQUIPMENT. A TOKEN-TYPE RADAR, 5 ELECTRONIC VANS, AND A UNIDENTIFIED PIECE OF ELECTRONIC EQUIPMENT ARE LOCATED IN THE NORTH-EASTERN CORNER OF THE LAUNCH AREA. EIGHTEEN VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN A L-SHAPED PATTERN NNW OF THE CONTROL BUNKER. A PROBABLE CALIBRATION TOWER IS LOCATED IN THE SE CORNER OF THE LAUNCH AREA. TWO PROBABLE COMMUNICATION VEHICLES AND A POSSIBLE OPTICAL TRACKING POSITION ARE LOCATED WITHIN THE INNER SECURITY FENCE IN THE NE CORNER. TWO VAN-MOUNTED ANTENNAS, ONE WITH AN ASSOCIATED GENERATOR VAN, ARE POSITIONED ALONG THE WESTERN FENCE. APPROXIMATELY 30 OTHER VEHICLES/PIECES OF EQUIPMENT, INCLUDING ONE ON THE CENTER ROAD, ARE SCATTERED THROUGHOUT THE LAUNCH AREA. A SUPPORT AREA APPROXIMATELY

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1800 FEET EAST OF THE LAUNCH AREA CONTAINS A SECURITY BUILDING, 2 SMALL SUPPORT BUILDINGS, A GABLE-ROOFED BUILDING, AND A FLAT-ROOFED BUILDING WITH AN ADJACENT STACK. AN ADDITIONAL SUPPORT AREA IS LOCATED APPROXIMATELY 3,100 FEET SE OF THE LAUNCH AREA. IN ADDITION TO THE GUARD TOWERS IN THE NW AND SE CORNERS, PROBABLE LIGHT STANDARDS ARE PLACED ALONG THE FENCE LINE. WITHIN THE SECURITY FENCE ARE 4 BUNKERS, 2 ADDITIONAL BUNKERS WITH PROBABLE UNDERGROUND ENTRANCES, A LARGER BUNKER, UNDER CONSTRUCTION, WITH AN UNDERGROUND ENTRANCE, AND A DRIVE-IN BUILDING WHICH APPEARS BUNKERED ONLY ON 2 SIDES. TWO PREVIOUSLY IDENTIFIED HARDSTANDS, WHICH ARE SNOW COVERED AND AN UNIDENTIFIED T-SHAPED STRUCTURE ARE ALSO WITHIN THE FENCE. CONSTRUCTION IS CONTINUING IN THE OPERATIONAL SUPPORT AREA. THE FENCE LINE HAS BEEN EXTENDED TO THE NORTH AND NOW ENCLOSES A MOTOR POOL CONTAINING AT LEAST 300 VEHICLES/PIECES OF EQUIPMENT AND A LARGE BUILDING, NEW SINCE NOV 64, UNDER CONSTRUCTION. ONE BUILDING LOCATED IN THE SW PORTION OF THE ORIGINAL OPERATIONAL SUPPORT AREA HAS BEEN COMPLETED SINCE AUG 64. THE CONSTRUCTION ACTIVITY BORDERING THE WESTERN SIDE OF THE ORIGINAL OPERATIONAL AREA IS NOW IDENTIFIED AS A POSSIBLE INSTRUMENTATION AREA. THIS AREA IS SINGLE-FENCED AND APPEARS TO BE STILL UNDER CONSTRUCTION. IT CONSISTS OF 8 RECTANGULAR AREAS, EACH CONTAINING 3 UNIDENTIFIED OBJECTS WHICH MAY BE INSTRUMENTATION BASES. EARTHEN SCARS INTER-

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CONNECT EACH OF THE 8 RECTANGULAR AREAS WITH A BUILDING UNDER CONSTRUCTION NEAR THE CENTER. THE ELECTRONIC SITE (FORMERLY REFERRED TO AS THE NEAR SPACE TRACKING AND TELEMETRY INSTALLATION) CONSISTS OF 6 RECTANGULAR, EARTH-MOUNDED RADAR/TELEMETRY ANTENNAS IN AN EAST-WEST LINEAR CONFIGURATION. EACH OF THE MOUNDS SUPPORTS RADAR/TELEMETRY EQUIPMENT WITH THE 2 OUTSIDE MOUNDS BEING HIGHER THAN THE 4 CENTER MOUNDS AND HAVING RELATIVELY LARGER ANTENNAS. SPECIFIC ANTENNA TYPES CANNOT BE DETERMINED. IN ADDITION TO THE 6 MOUNDS THERE ARE 3 BUILDINGS ARRANGED IN A LINE, THE 2 OUTER ONES BEING SQUARE AND LARGER THAN THE CENTER BUILDING. THE CENTER BUILDING HAS A RECTANGULAR STRUCTURE ON ITS ROOF WHILE THE 2 OUTER BUILDINGS APPEAR TO SUPPORT NO ANTENNAS OR OTHER EQUIPMENT. THE REMAINDER OF THE FACILITY CONSISTS OF APPROXIMATELY 25 VEHICLES AND PROBABLE MOBILE GENERATORS, 2 SMALL BUILDINGS, AND 5-6 SMALL UNIDENTIFIED OBJECTS.

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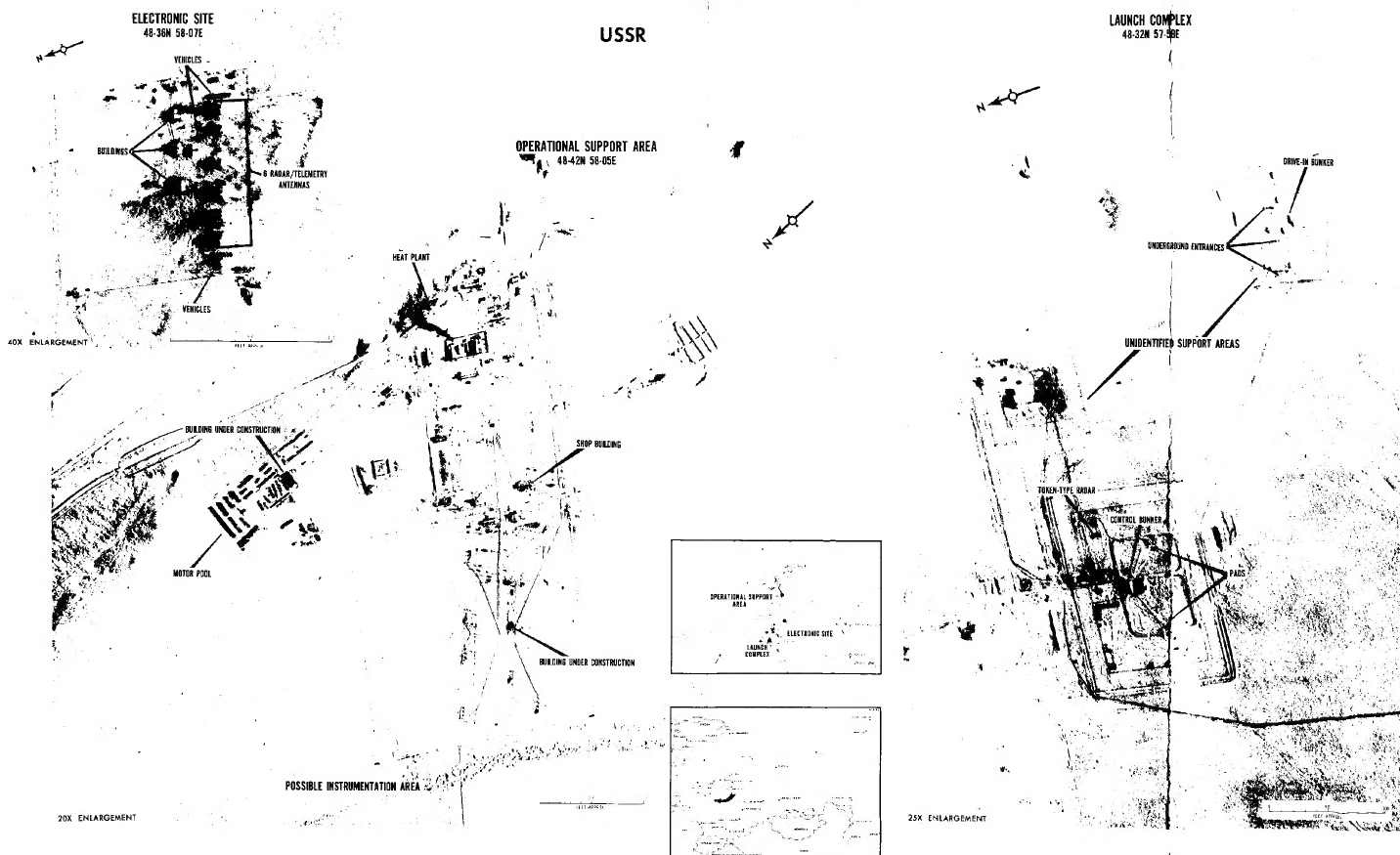
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